

Fig. 1

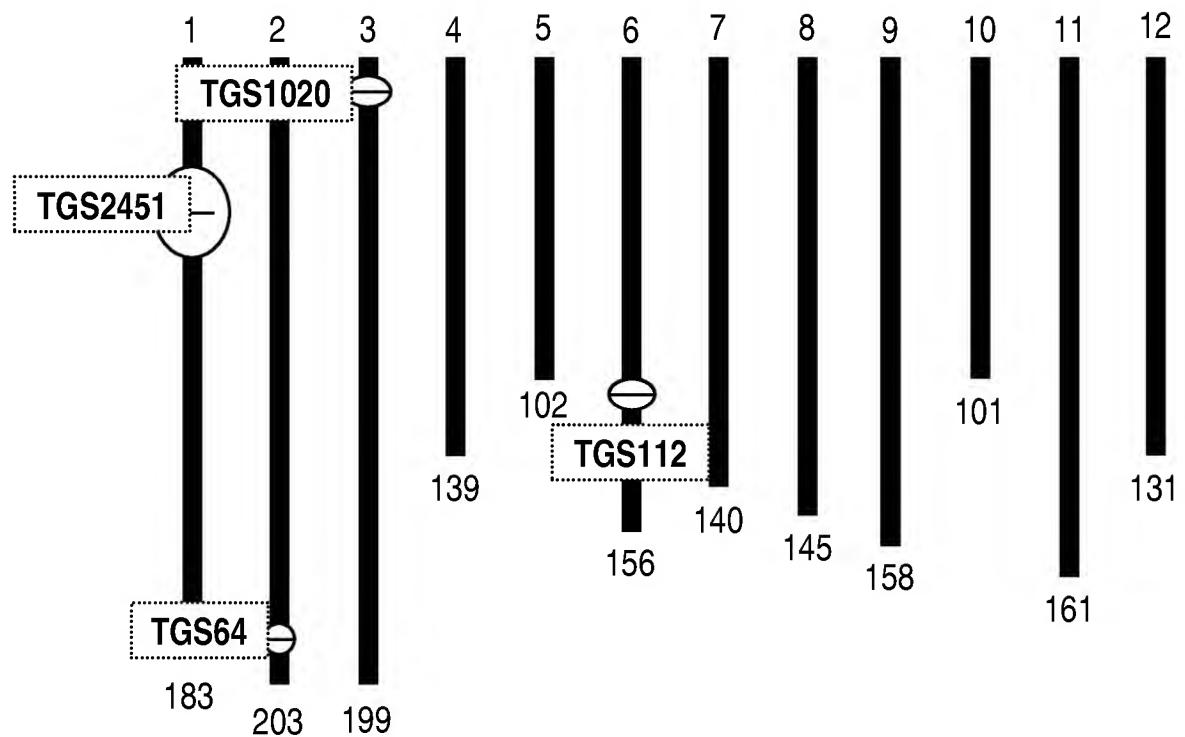


Fig. 2

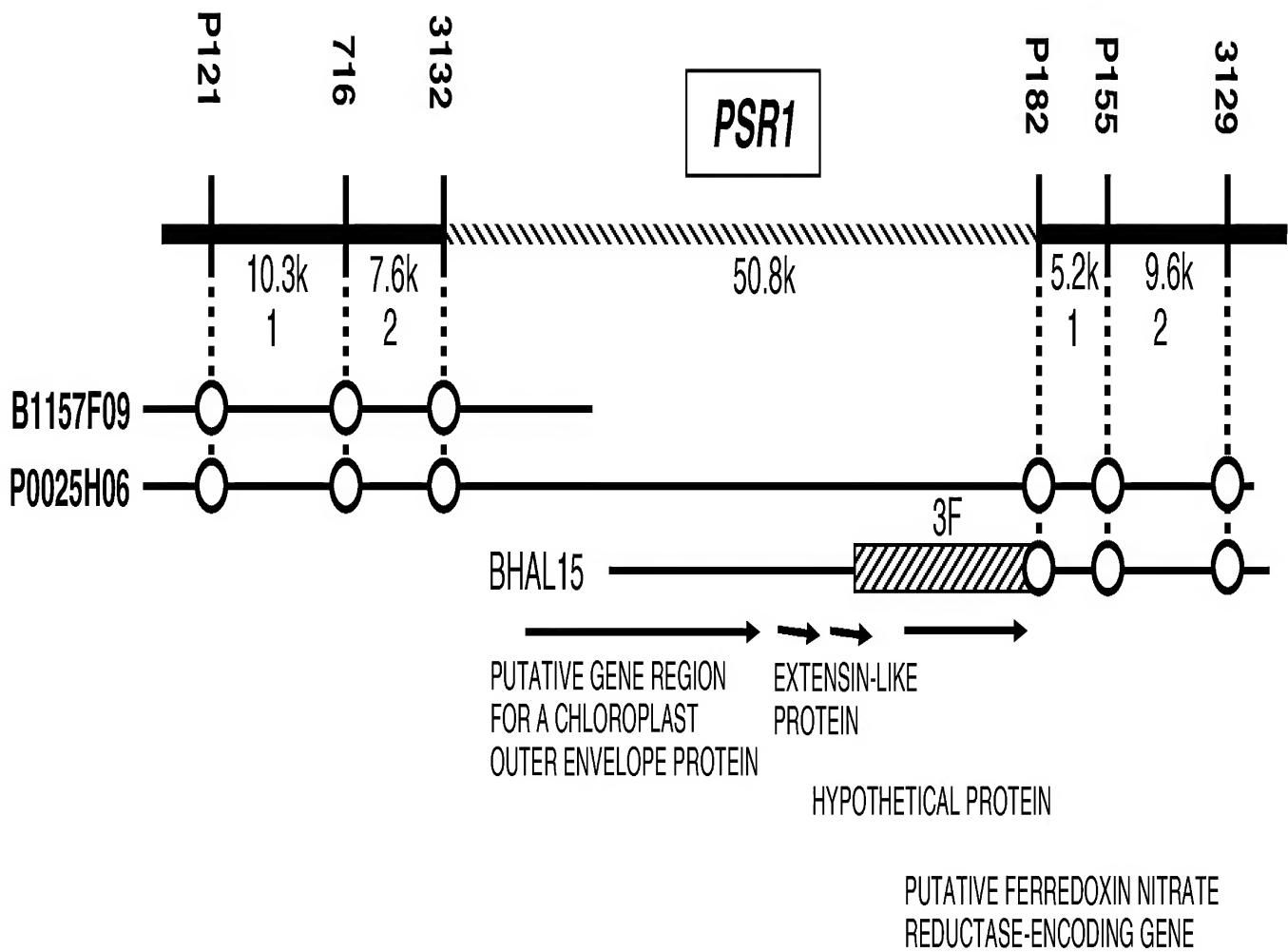


Fig. 3

4/9

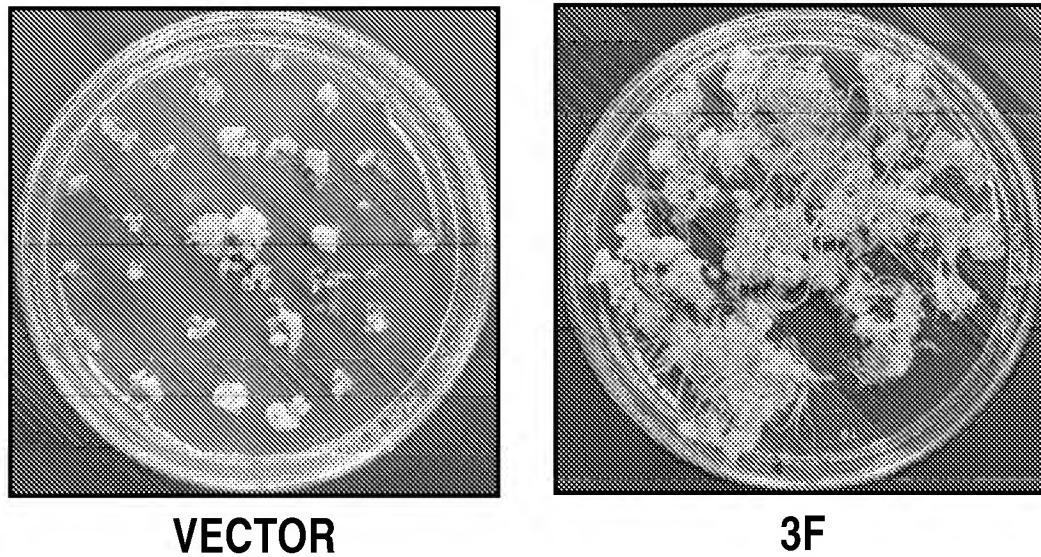
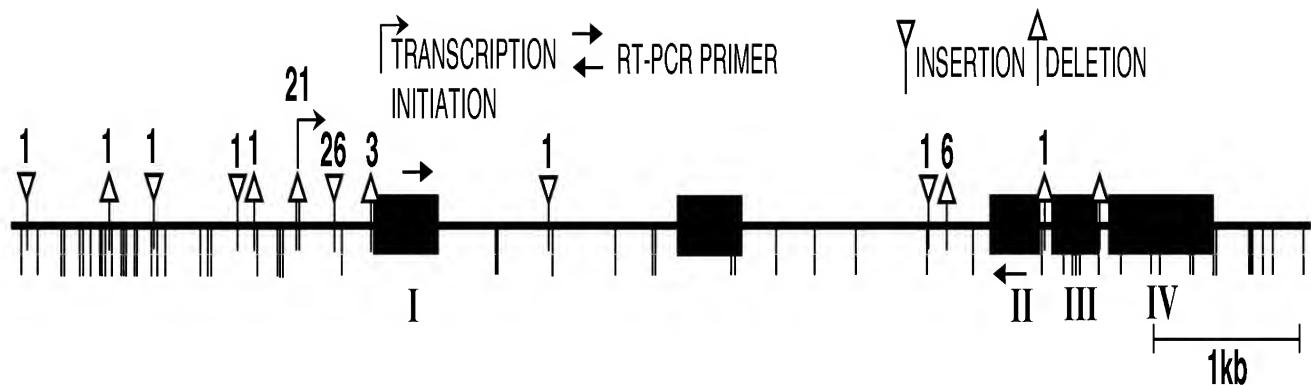


Fig. 4



1	MASSASLQRFLPPYPHAAASRCRPPGVRARPVQSSTVSAPSSSTPAADEAVSAERLEPRV	60
61	EQREGRYWVLKEKYRTGLNPQEKVKGKEPMSLFMEGGIKELAKMPMEEIEADKLSKEDI	120
121	DVRLKWLGLFHRRKHQYGRFMMLRLKLPNGVTTSEQTRYLASVIEAYGKEGCADVTTRQNW	180
181	QIRGVTLPDVPAILDGLNAVGLTSLQSGMDNVRNPVGNPLAGIDPDEIVDTRSYTNLLSS	240
241	YITSNFQGNPTITNLPRKWNVCVIGSHDLYEHPHINDLAYMPAVKGGKFGFNLLVGGFIS	300
301	PKRWEALPLDAWVPGDDIIPVCKAVLEAYRDLGTRGNRQKTRMMWLIDELGMEAFRSEV	360
361	EKRMPNGVLERAAP E D DLIDKKWQRRDYLGVHPQKQEGMSYVGLHVPVGRVQAADMFELAR	420
421	LADEYGSGELRLTVEQNIVIPNVKNEKVEALL S A EPPLLQKFSPQPSLLLKGLVACTGNQFC	480
481	GQAIITKQRALLVTSQVEKLVSVPRAVRMHWTGCPNSCGQVQVADIGFMGCLTKDSAGK	540
541	IVEAADIFVGGRVGSDSHLAGAYKKSVPCDELAPIVADILVERFGAVRREEDEE	596

(SEQ ID NO: 3 OR 6)

Fig. 5

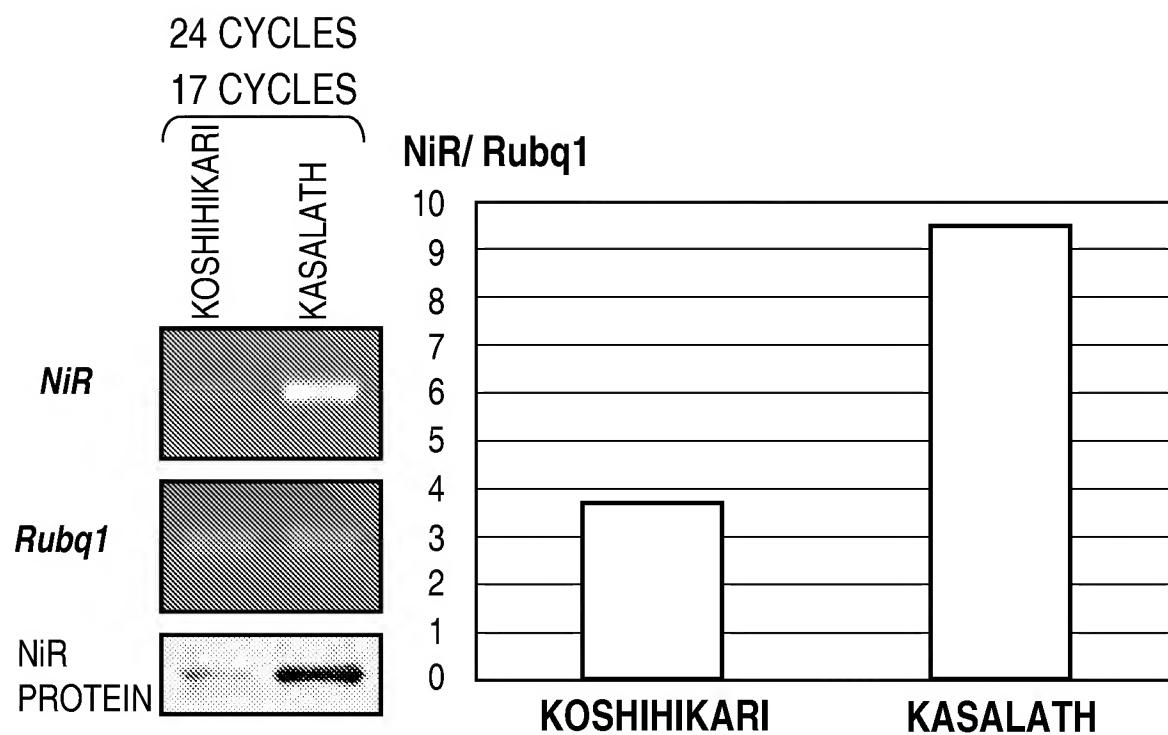


Fig. 6

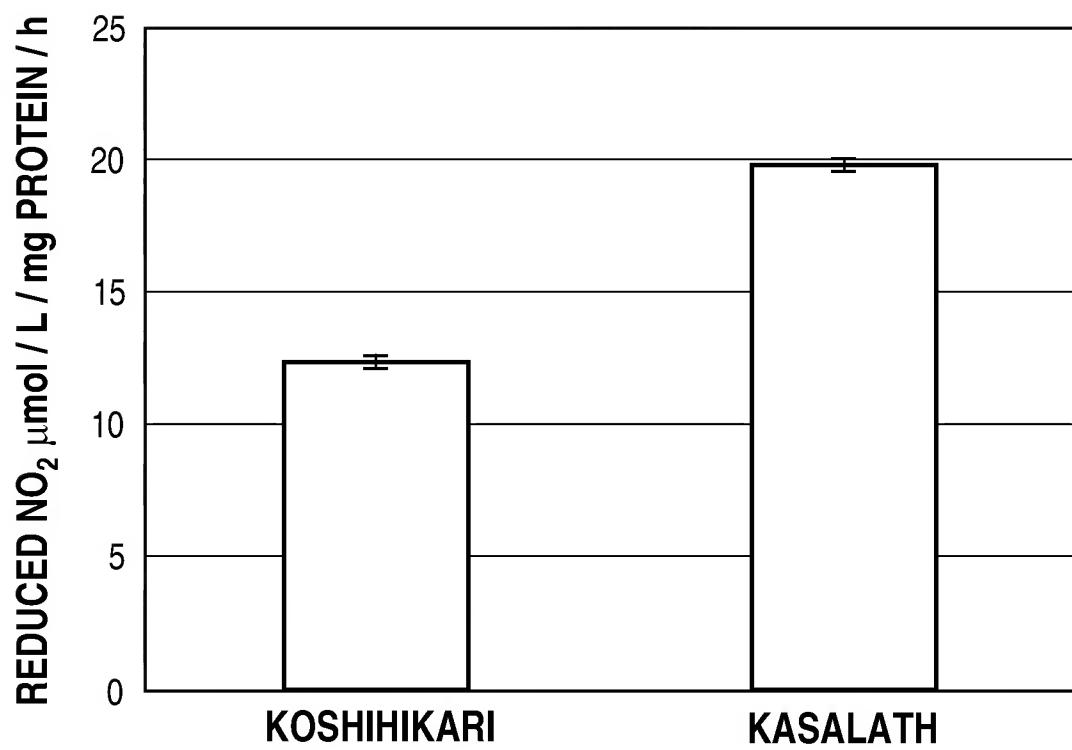
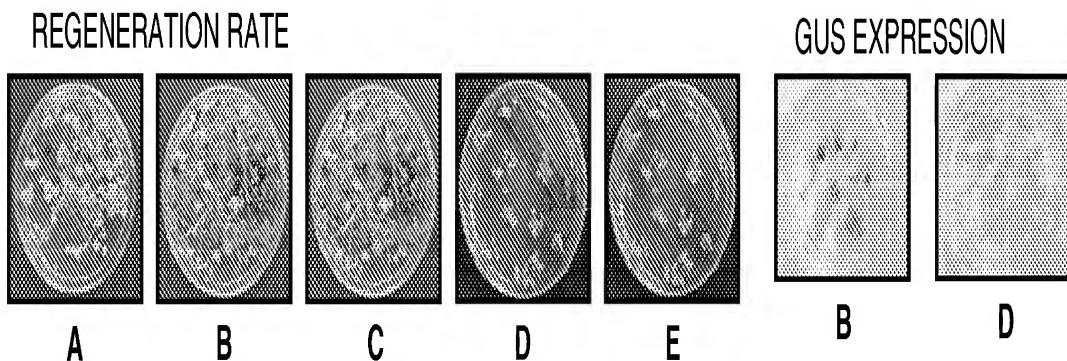
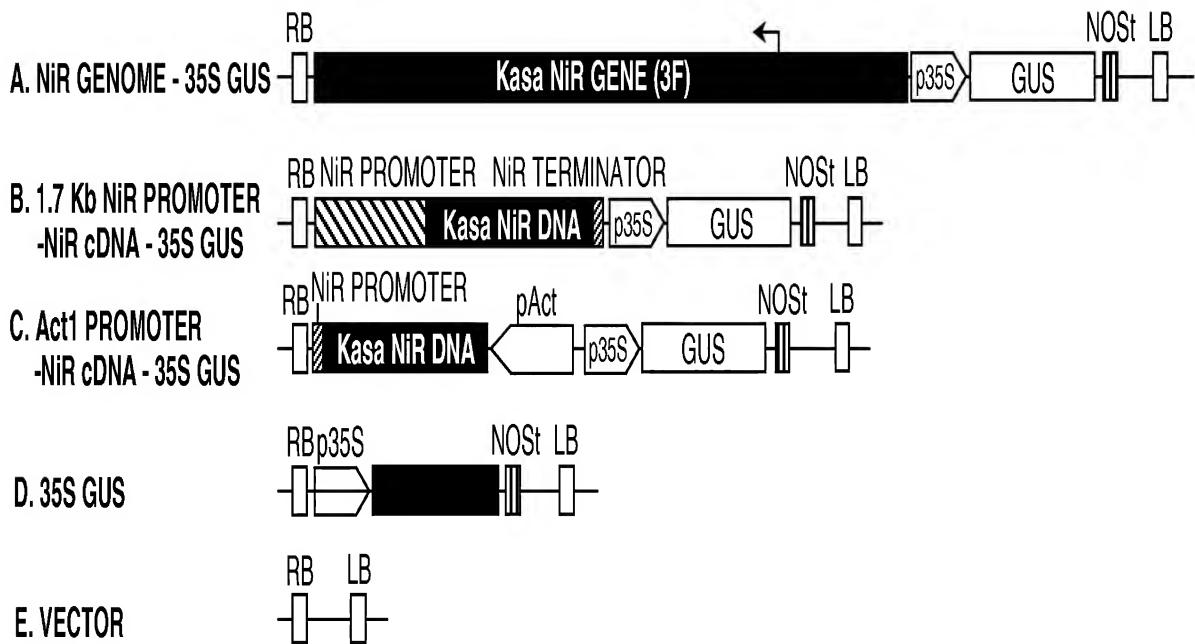


Fig. 7

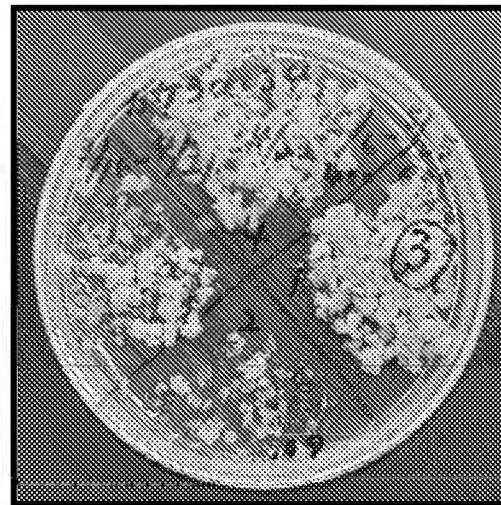


	REGENERATED CALLI	GUS-STAINED CALLI	% GUS-STAINED CALLI
A. Nir GENOME - 35S GUS	29	28	97
B. 1.7 kb Nir PROMOTER - Nir cDNA - 35S GUS	54	48	88
C. Act1 PROMOTER - Nir cDNA - 35S GUS	42	34	81

Fig. 8

9/9

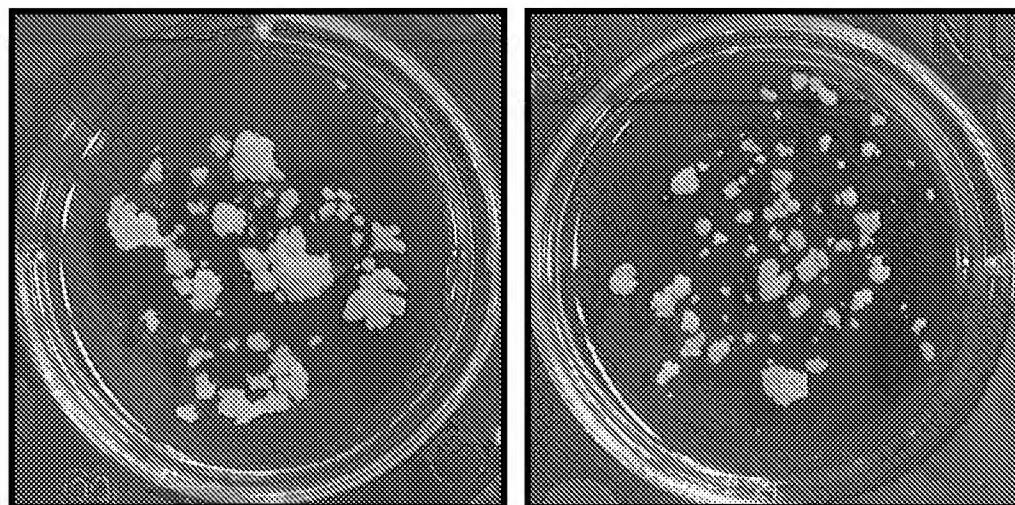
$+\text{NaNO}_2$



a

b

GUS - Stained



a

b

Fig. 9